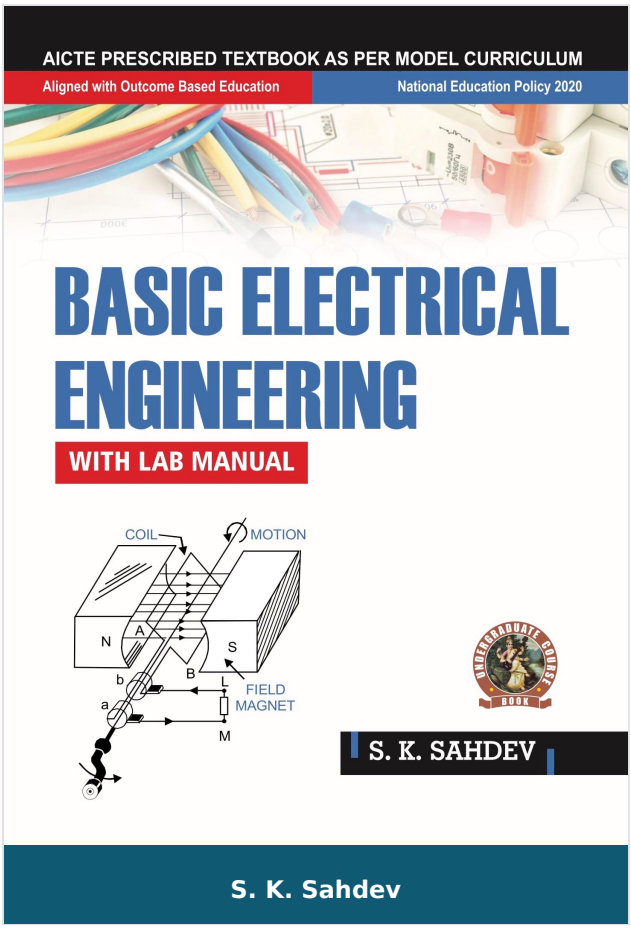


Basic Electrical Engineering (with Lab Manual)

Author :	S. K. Sahdev
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E-ISBN 13 :	978-93-91505-15-8
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Product Description

This textbook “Basic Electrical Engineering” is based on the latest syllabus of the Universities AICTE and Educational Institutes. In this edition, some material of the book has been rewritten to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added. Various problems with answers have been added to support the text. For quick revision, summary/ highlights are given at the end of each chapter.

Salient Features:

1. DC Circuits
2. AC Circuits
3. Transformers
4. Electrical Machines
5. Power Converters
6. Electrical Installations

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- AC Circuits
- Transformers
- Electrical Machines
- Power Converters
- Electrical Installations

Author

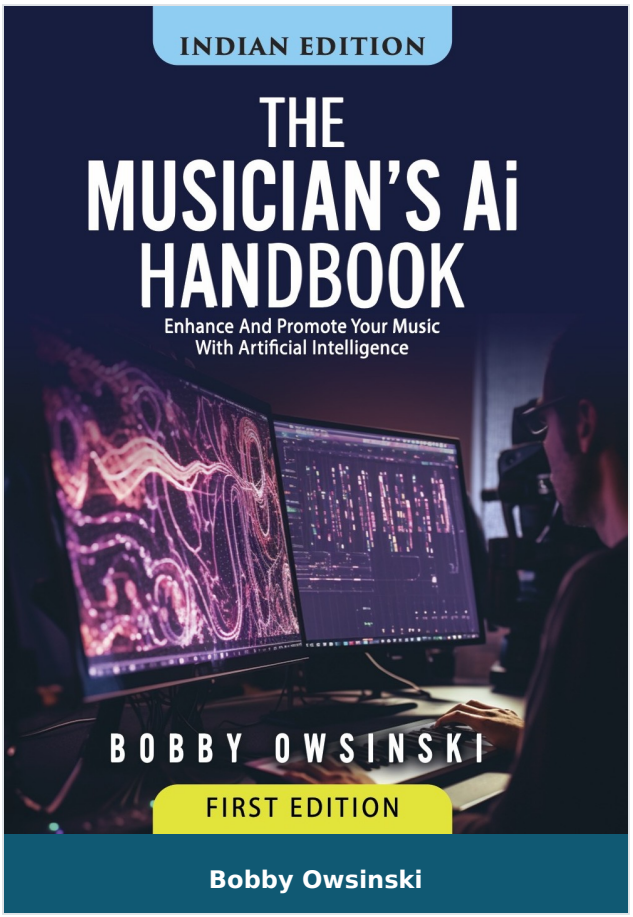
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The Musician's Ai Handbook (Indian Edition)

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Product Description

The Musician’s Ai Handbook is a comprehensive look at how musicians, artists, songwriters, producers, and anyone in the music business can use artificial intelligence as a highly creative tool to generate new ideas and help to promote their music. It’s packed with useful how-to’s to help you get the most out of just about any Ai platform, while showing you skills and fundamentals that won’t become outdated.

Part 1 of the book explains Ai’s buzzwords in a way that anyone can understand then takes a look at the many gray areas of Ai copyright that users must be concerned with.

Part 2 looks at using Ai composition and production platforms to develop new song and lyric ideas, and how the many Ai audio tools and plugins, and the Ai mixing and mastering platforms can lift your songs to a pro level.

Finally, Part 3 covers the latest in Ai graphics and video generation, as well as the best ways to use Ai chatbots for music business and promotion.

Topics include:

. How Ai music generation really works so you’ll know what it can and can’t do

. Why looking closely at Ai copyright can save you from legal problems down the road

. How a well- crafted mega prompt can generate the best Ai results

. How to use AI audio tools for compression, EQ. limiting, reverb, noise reduction, track separation, and song analysis to make your mixes sound more professional

. Everything you wanted to know about virtual singers and voice cloning to take song’s vocals to another level

. Tips for using Ai composition platforms to generate new songs and lyric ideas that you never would have thought of

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. Getting the most from Ai music video-generation platforms

. How to use Ai image generation to create pro-level graphics and branding

. Why using a chatbot to design music marketing and release plans can save you money

And much more

If you’re worried that Ai will sap your creativity or move too fast for you to keep up, then The Musician’s Ai Handbook will put your mind at ease as it proves that artificial intelligence is just an extremely helpful tool. Follow renowned author, producer and engineer Bobby Owsinski as he takes you through everything you need to know to make Ai the best music friend you’ve ever had.

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- Ai Marketing Platforms
- The Future of Ai Music
- Glossary
- Ai Music Tools and Services
- About Bobby Owsinski

Author

Bobby Owsinski

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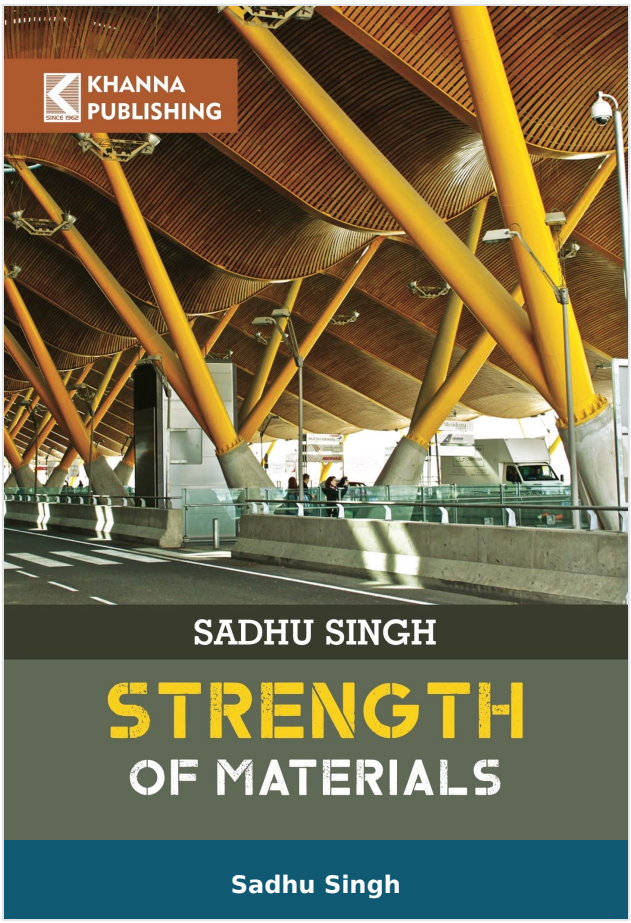
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Bobby Owsinski is one of the bestselling authors in the music industry with 24 books that are staples in audio recording, music and music business programs in colleges around the world, including the Mixing Engineer’s Handbook, The Music Producer’s Handbook, Music 4.0: A Survival Guide for Making Music in the Internet Age, and more. He’s also a contributor to Forbes covering the new music business, his popular production and music industry blogs are over 8 million visits, and he’s appeared on CNN and ABC News as a music branding and audio expert. Visit BobbyOwsinskiBlog.com, his music industry blog at Music3Point0.com, his podcast at BobbyOInnerCircle.com, and his website at BobbyOwsinski.com.

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Strength of Materials

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Product Description

This book is a textbook for the B.E./B. Tech. students of UP technical University, Lucknow and Uttarakhand Technical University, Dehradun. The book has been written as per the new syllabus of these Universities. The subject matter has been explained in the simplest possible way for easy assimilation by the students. This has been reinforced by a large number of solved examples. A large number of solved examples, short answer type questions chapter wise. Unsolved end-of chapter exercises.

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Author

Sadhu Singh

Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and

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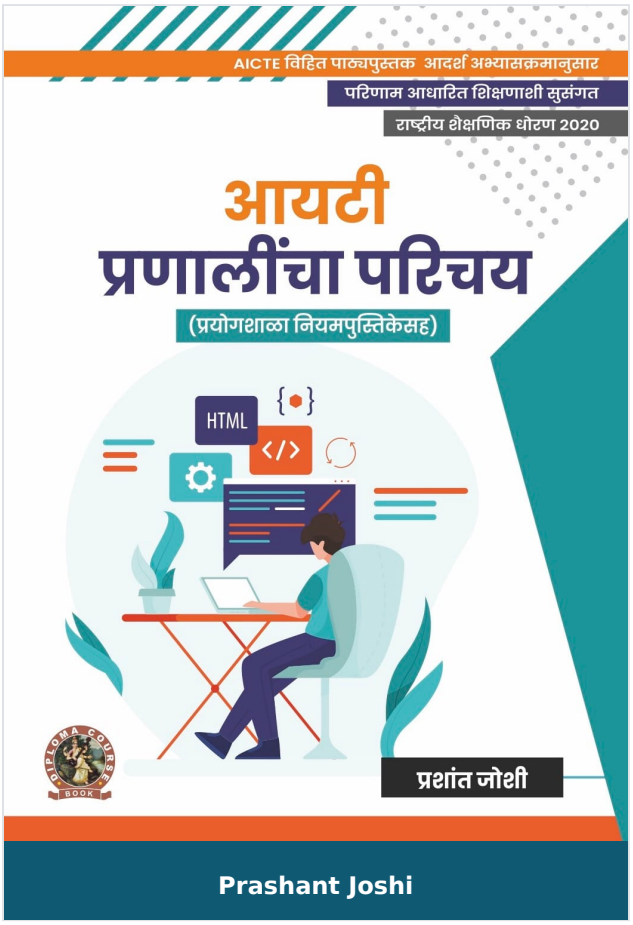
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19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Departmentand Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.

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Introduction to IT Systems (with Lab Manual)

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Product Description

“INTRODUCTION TO SYSTEMS” is a compulsory paper for the first year Diploma in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education.

Book covers five units- Internet Skills and Computer Basics, Operating Systems, HTML and CSS, open Office Tools. And information Security Best Practices. Each topic in units is written in each and lucid manner. Every unit contains a set of exercise at the end of each unit to test student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.

2. Practical are included with each unit for better understanding of the theoretical concepts.

3. Book Provides interesting facts and various activities pertaining to topic. QR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc.

4. Student and teacher centric subject materials included in balanced and chronological manner.

5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics.

6. Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.

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Author

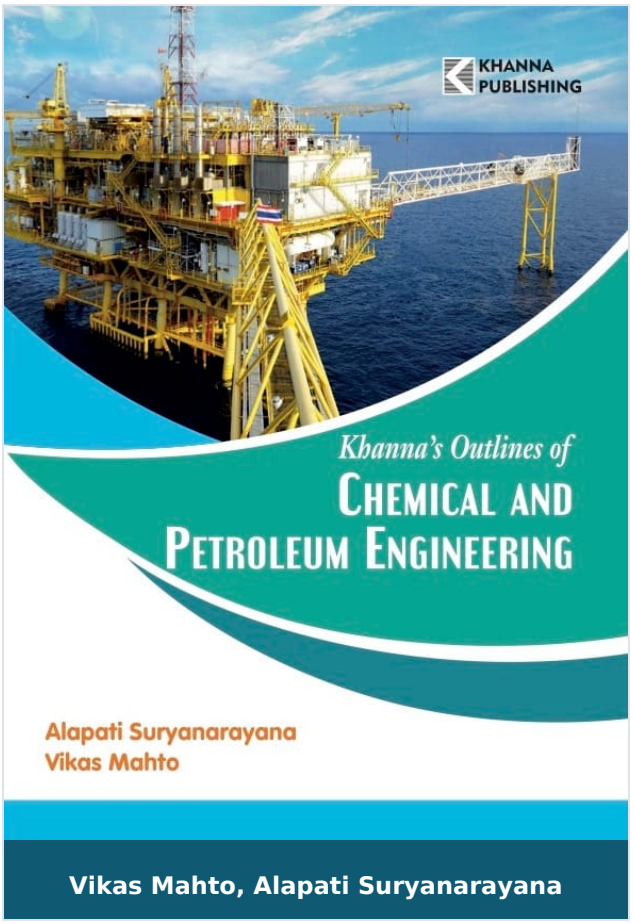
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Khanna's Outlines of CHEMICAL & PETROLEUM ENGINEERING

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Product Description

This book of chemical & Petroleum Engineering Contains of Various Topics. It covers different type of question with their Answers and Fill in the Blanks. Required data and equations are given for day to day calculations of Chemical Engineering topics. This book is necessary tool or an instrument for Chemical & Petroleum Engineers.

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Dr.Vikas Mahto is an Associate Professor in the petroleum Engineering Department of Indian School Of Mines Dhanbad, India. He has received his Ph.D. degree in petroleum Engineering from Indian School of Mines Dhanbad in 2004. He is having more than 12 years of teaching experience in the field of Chemical Engineering and Petroleum Engineering. He is the author of more than 100 technical papers in different national/International journals 7 conferences of repute. He has completed three research projects sponsored by UGC-ISM, UGC New Delhi and CSIR New Delhi and currently working on collaborative project with Oil India India Ltd, Duliajan, Assam. He has field two Indian Patents. He is the reviewer and member of editorial boards of many national and international journals.

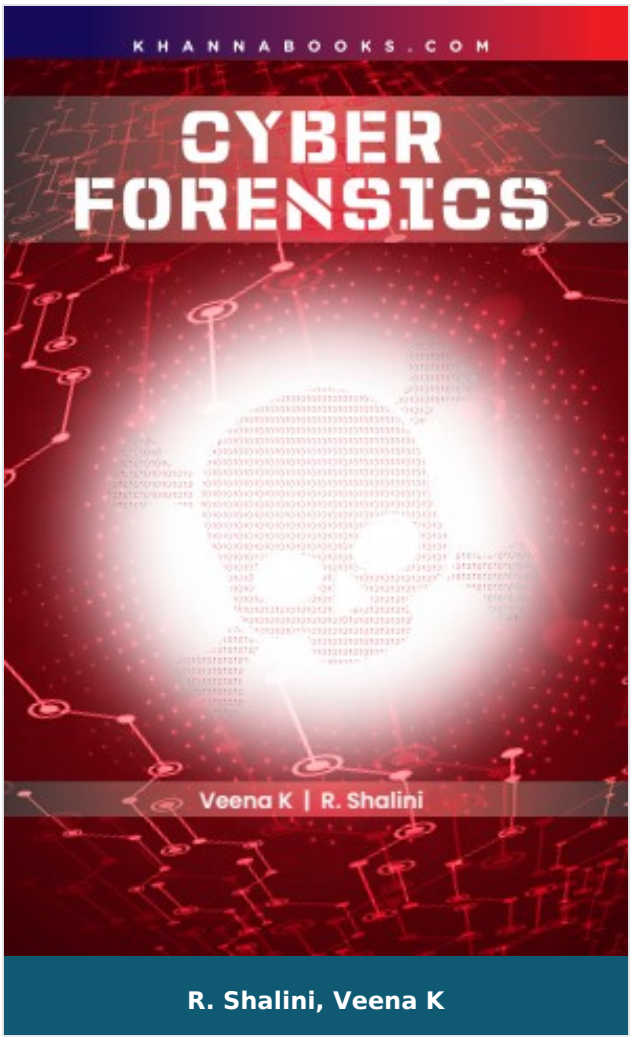
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R. Shalini, Veena K

Cyber Forensics

Author :	R. Shalini, Veena K
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Product Description

CYBER FORENSICS

This book," CYBER FORENSICS," serves as comprehensive and essential guide to the rapidly evolving field of digital crime investigation. It is specifically structured to align with the curriculum for BE CSE students specializing in cyber security, but its rigorous methodology makes it indispensable for law enforcement, IT security specialists, and aspiring forensic professionals.

The book's core theme revolves around the systematic process of identifying, collecting, analyzing, and preserving electronic evidence to ensure its integrity and legal admissibility in court. It establishes a robust foundation by detailing the history of computer crime, the critical intersection of technology and law, and the fundamentals of professional forensic methodology.

Moving beyond theory, the text provides in-depth coverage of specialized forensic domains, including disk, network, memory, and mobile forensics. Readers gain practical expertise through detailed explorations of advanced topics such as window registry analysis, cloud forensics, and virtual machine forensics. The practical value is significantly enhanced by incorporating hands-on case studies and demonstrating the use of open-source forensic tools. This approach equips readers with the skills needed to navigate the complex challenges of investigative reconstruction, analyze criminal modus operandi, and secure justice in the digital world.

Salient Features:

- **Foundational Protocols**: covers the history and terminology of computer crime, establishes the investigative process, and details the crucial intersection of technology and law for evidence admissibility.

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- **Advanced Domains**: Provides deep dives into specialized areas like memory forensics, cloud storage analysis, and virtual machine forensics, preparing students for complex, modern cyber-investigations.
- **Practical Tools & Techniques**: integrates learning on essential forensic software such as Wireshark, bulk extractor, and YARA through engaging case studies, emphasizing real-world tool application.
- **Evidence Life Cycle**: Emphasizes the forensic methods for identifying, collecting, and preserving electronic data, along with crucial steps like forensic imaging and maintaining the chain of custody.
- **Data Artifact Analysis**: Explores the structure of storage devices, including SSD devices, and teaches the extraction and analysis artifacts, hidden data, and file signatures.
- **Criminal Profiling**: Focuses on investigative reconstruction techniques, analyzing the modus operandi (MO), motive, and technology used by cybercriminals for effective profiling and case resolution.
- **System-Specific Forensics**: dedicated chapters on performing forensic for specific operating environments, including details steps for windows registry, Browser Usage, and network traffic analysis.

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- Computer Basics for Digital Investigators
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- Advanced Cyber Forensics

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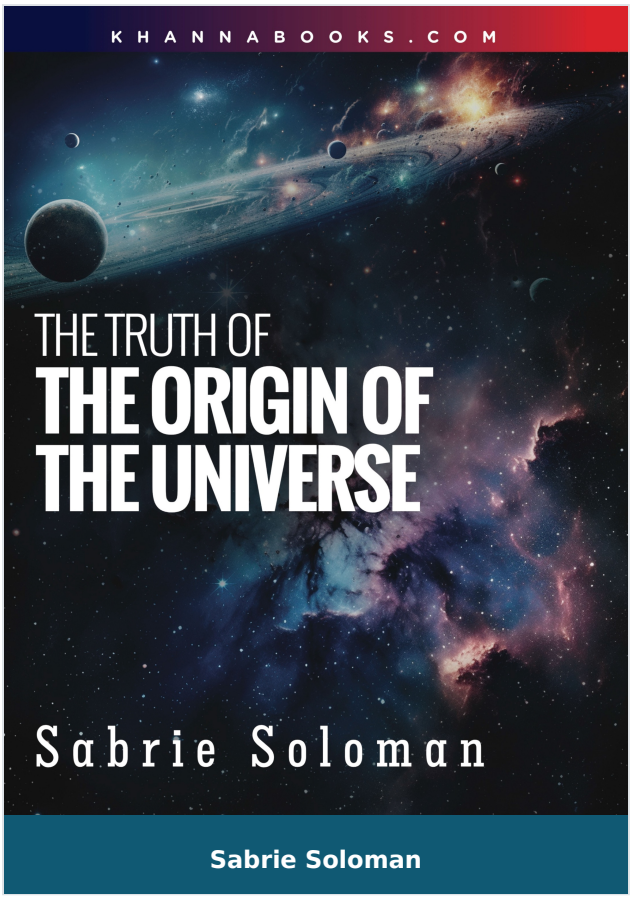
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The Truth of The Origin of The Universe

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Product Description

In a world filled with scientific explanation and theories, it can be easy to lose sight of the ultimate truth of our existence. The truth is that the universe, with all its intricate complexities, did not come into being by mere chance or a random explosion. It was carefully designed and orchestrated by a higher power, a Creator who holds everything together.

When we look up at the night sky and see the countless stars and galaxies stretching out into infinity, we cannot help but be in awe of the sheer magnitude and beauty of it all. The heavens declare the glory of God, as it says in the Bible, and remind us of the greatness of the one who made it all.

The theory of the Big Bang, which posits that universe began as a singular point and expanded over billions of years, is a flawed is a explanation for the origin of the universe. It fails to account for the intricate design and order that we see in the cosmos, as well as the existence of life on earth. The marvel of our planet Earth, with its perfect conditions for sustaining life, points to a Creator who had a purpose and a plan in mind when he made it. The countless galaxies and stars that we observe in the universe are a testament to the power and creativity of God. They show us that we are part of a vast and wondrous creation, one that was made by an intelligent designer who had a vision for it all.

The theory of evolution, put forth by Charles by Charles Darwin, is another flawed explanation for the diversity of life on earth. It fails on earth it fails to explain the intricate complexities of living organisms and their unique design, as well as the existence of the human soul. It is clear that we are not the product of blind chance or random mutations, but rather the handiwork of a loving and powerful Creator.

"The truth of the origin of the universe" points to a creator who holds everything together and has a purpose and a plan for it all. God stretches out the heavens and allows light to

reach us here on earth, showing us his care and provision for his creation. We are not the product of blind evolution, but rather the cherished creation of a loving god who made us in his image. Let us never forget the marvel and wonder of the universe and the greatness of the one who made it all.

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Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American SensoR x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation, Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible

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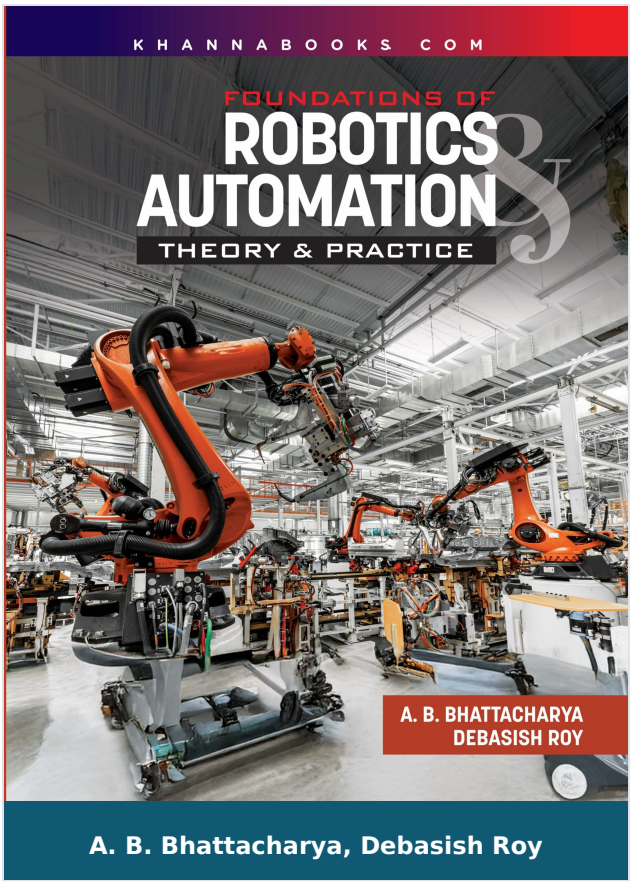
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synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA

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A. B. Bhattacharya, Debasish Roy

Foundations of Robotics & Automation (Theory & Practice)

Author :	A. B. Bhattacharya, Debasish Roy
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Product Description

Salient Features of the Book :

1. Evolution of Robotics and Automation : Traces the fascinating of robotics from mechanical origins to cutting- edge automation.

2. Linear Algebra : Essential for solving complex robotics challenges using vectors, matrices , and transformations.

3. Calculus : A powerful tool for modeling and controlling robotic systems with precision and agility.

4. Differential Equations : Vital for understanding the dynamic behavior of robotic systems and automating processes.

5. Probability and statistics : Key for decision- making hypothesis testing, and driving machine learning in robotics.

6. Control Theory : Mastering the behavior of dynamic systems through feedback loops and stability analysis.

7. Kinematics and Dynamics : Analyses motion and force, essential for understanding robotic movement and interaction.

8. Machine Learning and AI : Explores intelligent systems that adapt, learn, and revolutionize automation.

9. Graph Theory : Solves real- world problems by analyzing networks and connections across domains.

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- Optimization Process of finding the Best Possible Solution from a Set of Available Option.
- Computer Vision as a Field of Artificial Intelligence.
- Quantum Computing a Applied to Robotics and Automation.

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served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness hon0red him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

Debasish Roy

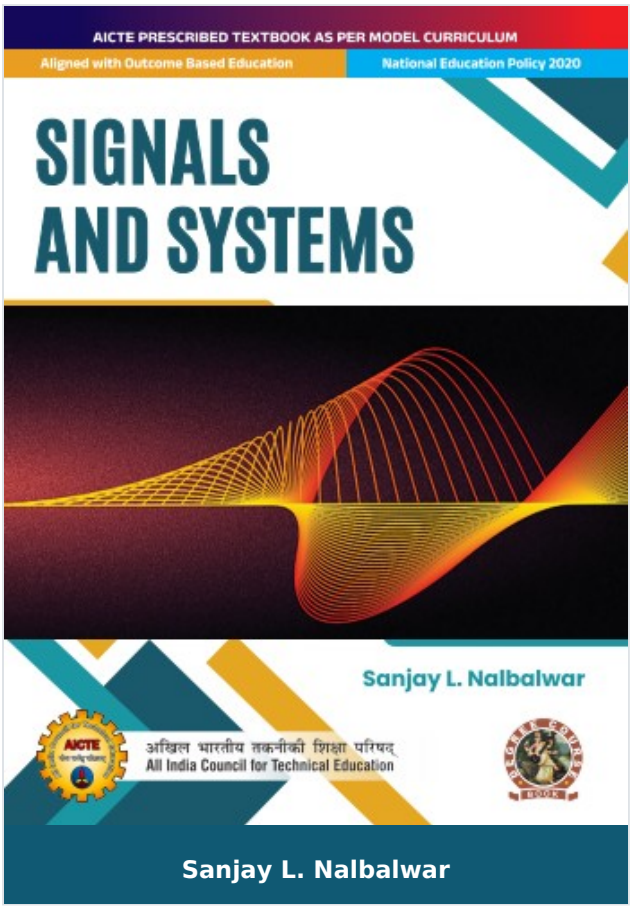
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Signals and Systems

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Product Description

Signals and Systems

This book, “Signals and Systems” is crafted by primarily considering the types of signals and different systems to with which the signals are handled. Signals and Systems is the cornerstone of modern engineering, bridging the gap between theory and application in fields as diverse as telecommunications, control systems, and digital signal processing. In this comprehensive guide, delve into the fundamental principles and advanced techniques that underpin the analysis and manipulation of signals in various domains.

Salient Features:

- The book’s content is aligned with program outcomes, course outcomes and unit outcomes.
- Learning outcomes are listed at the beginning of each unit to make students understand what is expected after completion of each unit.
- The book provides examples both solved and unsolved in realizing the concepts of signals and various systems.
- Step-by-step explanations and intuitive illustrations of complex concepts, making even the most abstract theories accessible to readers at all levels of expertise.
- Real-world examples provide insight into how signals and systems theory translate into practical solutions, from audio and image processing to communication systems and beyond.
- QR codes and E-sources will help learners to understand the concepts more deeply.
- This book offers invaluable insights and guidance gleaned from years of academic research and industry experience.

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Author

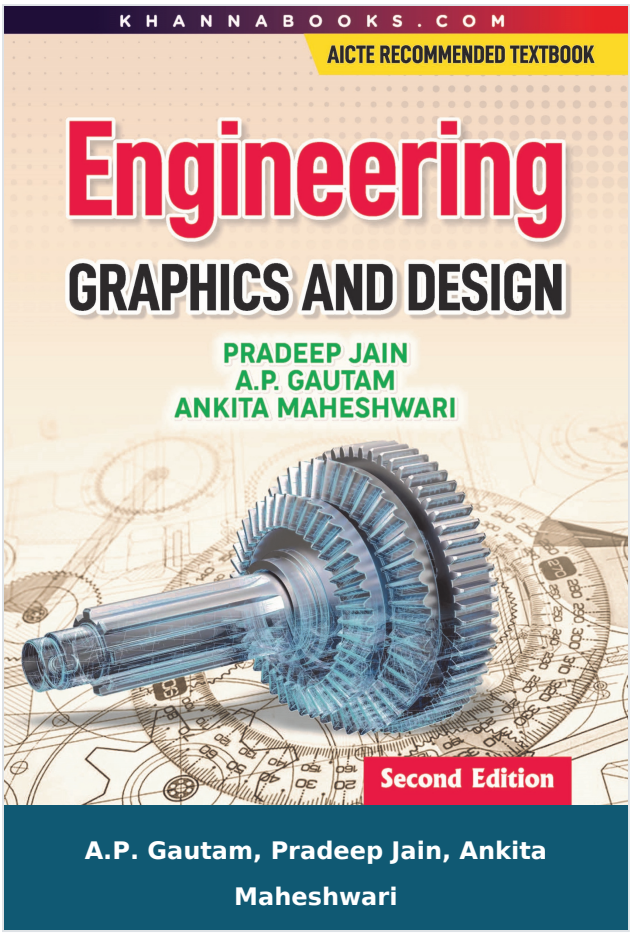
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Product Description

This book covers complete syllabus of Engineering Graphics and Design along with AUTOCAD catering requirements of B.Tech. in Engineering

The book is in easy to understand, simple English.

It provides step-by-step solutions to problems along with suitable example and proper drawings. Using AutoCAD and Solid Work. All chapter make learning easy with unique features such as Summary, Solved examples and Practice Problems.

Chapters have been organized to present data in concise format with suitable tables, diagrams, drawings and illustration.

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- Chapter-9: Customisation and Productive Tools
- Chapter-10: Dimensioning, Annotations Layring
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- Exercise
- Summary

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consultancy in CAD/ CAM field.

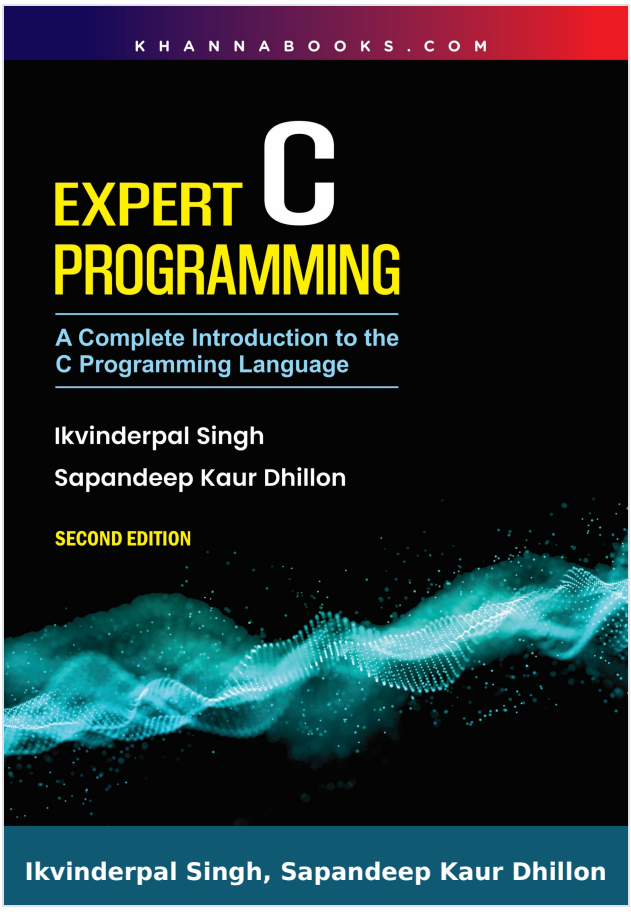
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Expert C Programming

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Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of c++ programming. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved programming to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises. This book will be useful for student of BE(Computer/Electronics), B. tech, ME(Computer/Electronics), M. Tech, MCA, BCA, M.Sc., B.Sc., and also to students pursuing A/B/C-level Course of DOEACC.

Salient Features

- Brief introduction to computer and programming languages.
- Complete introduction to C programming including basic structure is given in detail.
- Extensive coverage of constants, variables, various data types are given in detail.
- Various types of operators and expressions are described with the help of examples and simple programs.
- Demonstrates the description of console I/o statements in a lucid manner.
- Each and every control statement is described with the help of flowcharts and simple programs.
- Includes numerous illustrative examples to understand the topic easily.
- Demonstrates every program in a good programming style.
- Around 300 objective type questions are included.
- Contains numerous theory exercises at the last of each chapter.
- Gives detailed description of arrays, strings and functions in lucid manner.
- Covers all concepts of pointers like pointer and array, pointer and function, dynamic memory allocation in details.

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- Detailed analysis of each and every storage class is covered with the help of programming examples.
- Detailed description to the concept of structures and unions.
- Presents various file handling operations like open (), close (), seek (), reading and writing a file, working with streams etc.

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- C Preprocessor and Characters Test Functions

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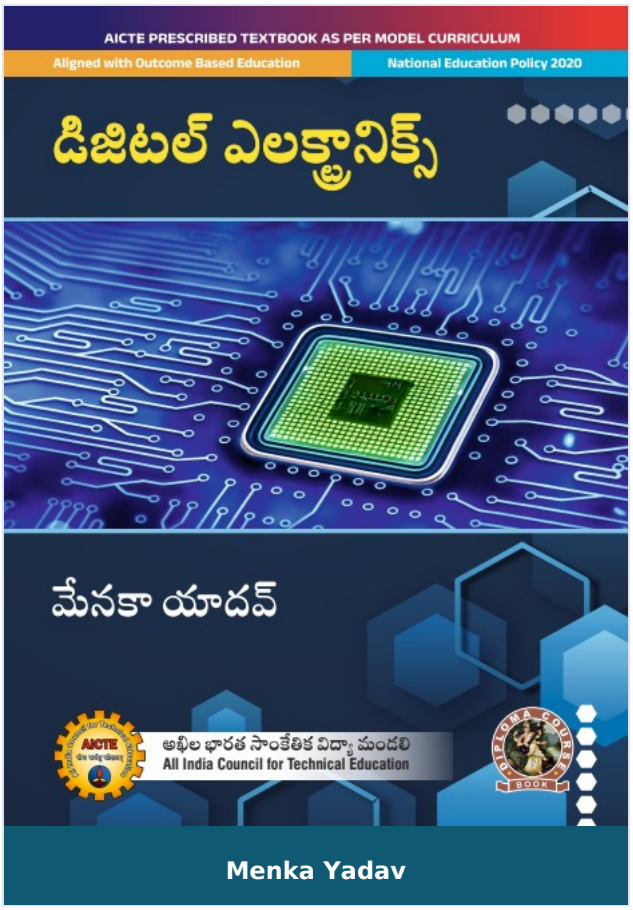
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